DRAFT - AUGUST 31, 2004

CHAPTER 720
WATER QUALITY MANAGEMENT PLANNING REGULATION

9VAC25-720-10. Definitions.

The following words and terms when used in this chapter shall have the following meanings unless the context clearly indicates otherwise:

"Assimilative capacity" means the greatest amount of loading that a water can receive without violating water quality standards, significantly degrading waters of existing high quality, or interfering with the beneficial use of state waters.

"Best management practices (BMP)" means a schedule of activities, prohibition of practices, maintenance procedures and other management practices to prevent or reduce the pollution of state waters. BMPs include treatment requirements, operating and maintenance procedures, schedule of activities, prohibition of activities, and other management practices to control plant site runoff, spillage, leaks, sludge or waste disposal, or drainage from raw material storage.

"Best practicable control technology currently available (BPT)" means control measures required of point source discharges (other than POTWs) as determined by the EPA pursuant to §304(b)(1) of the CWA (33 USC §1251 et seq.) as of 1987.

"Board" means the State Water Control Board (SWCB).

"Clean Water Act or Act (CWA)" means 33 USC §1251 et seq. as amended, as of 1987.

"Chesapeake Bay Watershed" means the following Virginia river basins: Potomac River Basin (9 VAC 25-260-390 and 9 VAC 25-260-400); James River Basin (9 VAC 25-260-410, 9 VAC 25-260-415, 9 VAC 25-260-420, and 9 VAC 25-260-430); Rappahannock River Basin (9 VAC 25-260-440), Chesapeake Bay and small coastal basins (9 VAC 25-260-520, Sections 2 through 3g); and, the York River Basin (9 VAC 25-260-530).

"Delivered Waste Load" means the discharged load from a point source in a river basin that is adjusted by a delivery factor for any alteration of that load occurring from biological, chemical, and physical processes during riverine transport to tidal waters. Delivery factors are calculated using the Chesapeake Bay Program watershed model.

"Discharge" means when used without qualification, a discharge of a pollutant or any addition of any pollutant or combination of pollutants to state waters or waters of the contiguous zone or ocean or other floating craft when being used for transportation.

"Effluent limitation" means any restriction imposed by the board on quantities, discharge rates or concentrations of pollutants that are discharged from joint sources into state waters.

"Effluent limitation guidelines" means a regulation published by EPA under the Act and adopted by the board.

"Effluent limited segment (EL)" means a stream segment where the water quality does and probably will continue to meet state water quality standards after the application of technology-based effluent limitations required by §§301(b) and 306 of the CWA (33 USC §1251 et seq.) as of 1987.

"Environmental Protection Agency (EPA)" means the United States Environmental Protection Agency.

"Load or loading" means the introduction of an amount of matter or thermal energy into a receiving water. Loading may be either man-caused (pollutant loading) or natural (background loading).

"Load allocation (LA)" means the portion of a receiving water's loading capacity attributable either to one of its existing or future nonpoint sources of pollution or to natural background sources. Load allocations are best estimates of the loading, which may range from accurate estimates to gross allotments, depending on the availability of data and appropriate techniques for predicting the loading. Wherever possible, natural and nonpoint source loads should be distinguished.

"Nonpoint source" means a source of pollution, such as a farm or forest land runoff, urban storm water runoff, mine runoff, or salt water intrusion that is not collected or discharged as a point source.

"Point source" means any discernible, defined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock vessel or other floating craft, from which pollutants are or may be discharged. This term does not include return flows from irrigated agricultural land.

"Pollutant" means any substance, radioactive material, or heat that causes or contributes to, or may cause or contribute to, pollution. It does not mean:
1. Sewage from vessels; or
2. Water, gas, or other material that is injected into a well to facilitate production of oil, dry gas, or water derived in association with oil or gas production and disposed of in a well, if the well is used either to facilitate production or for disposal purposes if approved by the Department of Mines, Minerals and Energy unless the board determines that such injection or disposal will result in the degradation of ground or surface water resources.

"Pollution" means such alteration of the physical, chemical or biological properties of any state waters as will or is likely to create a nuisance or render such waters (i) harmful or detrimental or injurious to the public health, safety or welfare, or to the health of animals, fish or aquatic life; (ii) unsuitable with reasonable treatment for use as present or possible future sources of public water supply; or (iii)

unsuitable for recreational, commercial, industrial, agricultural, or other reasonable uses; provided that: (a) an alteration of the physical, chemical, or biological property of state waters, or a discharge or deposit of sewage, industrial wastes or other wastes to state waters by any owner, which by itself is not sufficient to cause pollution, but which, in combination with such alteration of or discharge or deposit to state waters by other owners is sufficient to cause pollution; (b) the discharge of untreated sewage by any owner into state waters; and (c) contributing to the contravention of standards of water quality duly established by the board, are "pollution" for the terms and purposes of this water quality management plan.

"Publicly owned treatment works (POTW)" means any sewage treatment works that is owned by a state or municipality. Sewers, pipes, or other conveyances are included in this definition only if they convey wastewater to a POTW providing treatment.

"Significant Discharger" means a point source discharger within the Chesapeake Bay watershed that is listed in any of the following Sections: 9VAC25-720-50.C, 9VAC25-720-60.C, 9VAC25-720-70.C, 9VAC25-720-110.C, or 9VAC25-720-120.C; or a new or expanded point source discharger authorized by a VPDES permit issued after July 1, 2004 to discharge 2,300 pounds per year or more of total nitrogen or 300 pounds per year or more of total phosphorus.

"State waters" means all waters, on the surface and under the ground and wholly or partially within or bordering the Commonwealth or within its jurisdiction, including wetlands.

"Surface water" means all waters in the Commonwealth except ground waters as defined in §62.1-255 of the Code of Virginia.

"Total maximum daily load (TMDL)" means the sum of the individual waste load allocations (WLAs) for point sources, load allocations (LAs) for nonpoint sources, natural background loading and usually a safety factor. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure. The TMDL process provides for point versus nonpoint source trade-offs.

"Toxic pollutant" means any agent or material including, but not limited to, those listed under §307(a) of the CWA (33 USC §1251 et seq. as of 1987), which after discharge will, on the basis of available information, cause toxicity.

"Toxicity" means the inherent potential or capacity of a material to cause adverse effects in a living organism, including acute or chronic effects to aquatic life, detrimental effects on human health or other adverse environmental effects.

"Trading" means the transfer of assigned waste load allocations for total nitrogen or total phosphorus among point source dischargers. It does not include the transfer of total nitrogen for total phosphorus, or the reverse.

"Virginia Pollution Discharge Elimination System (VPDES) permit" means a document issued by the board, pursuant to 9VAC25-30, authorizing, under prescribed conditions, the potential or actual discharge of pollutants from a point source to surface waters.

"Waste load allocation (WLA)" means the portion of a receiving water's loading or assimilative capacity allocated to one of its existing or future point sources of pollution. WLAs are a type of water quality-based effluent limitation.

"Water quality limited segment (WQL)" means any stream segment where the water quality does not or will not meet applicable water quality standards, even after the application of technology-based effluent limitations required by §§301(b) and 306 of the CWA (33 USC §1251 et seq. as of 1987).

"Water quality management plan (WQMP)" means a state- or area-wide waste treatment management plan developed and updated in accordance with the provisions of §§205(j), 208 and 303 of the CWA (33 USC §1251 et seq. as of 1987).

"Water quality standards (WQS)" means narrative statements that describe water quality requirements in general terms, and of numeric limits for specific physical, chemical, biological or radiological characteristics of water. These narrative statements and numeric limits describe water quality necessary to meet and maintain reasonable and beneficial uses such as swimming and, other water based recreation, public water supply and the propagation and growth of aquatic life. The adoption of water quality standards under the State Water Control Law is one of the board's methods of accomplishing the law's purpose.

9VAC25-720-30. ~~[Reserved]~~ **Relationship to the Regulation for Nutrient Enriched Waters and Dischargers within the Chesapeake Bay Watershed, 9 VAC 25-40**

The provisions of this Chapter and the Regulation For Nutrient Enriched Waters And Discharges Within The Chesapeake Bay Watershed (9VAC25-40) constitute the nutrient reduction requirements for point source discharges in the Chesapeake Bay watershed to protect the Chesapeake Bay and its tidal rivers.

9VAC25-720-40. ~~[Reserved]~~ **Trading and Offsets in the Chesapeake Bay Watershed**

A. Nitrogen and phosphorus waste load allocations assigned to individual significant dischargers in paragraph C of Sections 9VAC25-720-50, 9VAC25-720-60, 9VAC25-720-70, 9VAC25-720-110, and 9VAC25-720-120 may be traded among significant dischargers within the same river basin to assist in the achievement and maintenance of the total basin delivered waste load allocations.

B. Any proposed trade shall not result in degradation or adverse impacts to local water quality or violations of water quality standards.

C. Any trade of nitrogen or phosphorus waste load allocation among individual significant dischargers shall not result in the exceedence of the total basin delivered waste load allocation within which the significant dischargers are located.

D. The board may authorize trading only through VPDES permits. Trades conducted in accordance with this Chapter through VPDES permits shall not require any amendments to this Chapter.

E. Any discharge of nitrogen or phosphorus load from a new significant discharger or any increase in the discharge of nitrogen or phosphorus load from an expansion of an existing significant discharger that would exceed the waste load allocation for that significant discharger shall be accompanied by one of the following actions within the same river basin: 1. a trade for an equivalent or greater load reduction of the same pollutant from one or more existing dischargers; 2. in accordance with the criteria listed below, the installation, monitoring and maintenance of best management practices that achieve an offsetting reduction of non-point source delivered load of nitrogen or phosphorus that the board determines is at least twice the reduction in delivered load compared to the new or increased delivered load from the significant discharger; or, 3. both actions in combination.

The board may approve use of the second option in the previous paragraph in accordance with the following:

i. the VPDES permit for the new or expanded significant discharger includes an annual average total nitrogen effluent limitation of 3.0 mg/l or an annual average total phosphorus effluent limitation of 0.30 mg/l, as appropriate, or alternative limits as required by 9VAC245-40-70.B.4;
ii. best management practices are installed within the locality or localities served by the new or expanded discharger, unless the board determines that installation of the needed best management practices in another locality provides greater water quality benefits;
iii. credit may be given for improvements to best management practices beyond that already required under other federal or state law to the extent that additional reduction in delivered nitrogen or phosphorus load is provided;
iv. credit may not be given for portions of best management practices financed by government programs; and,
v. the installation, monitoring and maintenance of the best management practices are required by the VPDES permit of the new or expanded significant discharger and the best management practices are installed subsequent to the issuance of the VPDES permit.

F. Any trade or offset involving a new significant discharger must account for the delivery factor that is assigned to the discharger based on its location within the river basin and must recognize that new significant dischargers have no assigned waste load allocations.

To ensure the total basin delivered loads of nitrogen and phosphorus are not exceeded, any trading or offsets conducted in accordance with this section shall use delivered loads. The following table contains the delivery factors for both nitrogen and phosphorus assigned to the identified Chesapeake Bay Program watershed model segments within each river basin. A delivered load equals the discharged load multiplied by the delivery factor.

River Basin	CBP Watershed Model Segment	Nitrogen Delivery Factor	Phosphorus Delivery Factor
Shenandoah-Potomac	170	0.55	0.75
Shenandoah-Potomac	180	0.82	0.75
Shenandoah-Potomac	190	0.42	0.74
Shenandoah-Potomac	200	0.65	0.74
Shenandoah-Potomac	220	0.83	0.75
Shenandoah-Potomac	550	0.58 or 1.00*	0.44 or 1.00*
Shenandoah-Potomac	740	0.74	0.75
Shenandoah-Potomac	900	1.00	1.00
Shenandoah-Potomac	910	1.00	1.00
Shenandoah-Potomac	970	1.00	1.00
Shenandoah-Potomac	980	1.00	1.00
Rappahannock	230	0.61	1.03
Rappahannock	560	1.00	1.00
Rappahannock	580	1.00	1.00
Rappahannock	930	1.00	1.00
York	235	0.27	0.43
York	240	0.42	0.43
York	250	0.02	0.58
York	260	0.51	0.58
York	590	1.00	1.00
York	940	1.00	1.00
James	265	0.02	1.10
James	270	0.30	1.10
James	280	0.61	1.10
James	290	0.81	1.00
James	300	0.37	0.42
James	310	0.54	0.39
James	600	1.00	1.00
James	610	1.00	1.00
James	620	1.00	1.00
James	630	1.00	1.00
James	950	1.00	1.00
James	955	1.00	1.00
James	960	1.00	1.00
James	965	1.00	1.00
C. Bay - Eastern Shore	430	1.00	1.00
C. Bay - Eastern Shore	440	1.00	1.00

NOTE: * Drainage to Occoquan Reservoir - delivery factors = 0.58 for nitrogen; 0.44 for phosphorus. Drainage outside Occoquan Reservoir - delivery factors = 1.00 for both nitrogen and phosphorus.

9VAC25-720-50. Potomac, Shenandoah River Basin.

[NOTE: Existing regulatory text of paragraphs A. and B. in each of the following river basin sections remains unchanged, but are not set out in this draft to simplify review of the proposed language. The existing regulatory text will be set out in the proposal sent to the Virginia Registrar.]

A. Total maximum daily load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved within four years following reissuance or modification of the discharger's VPDES permit, but in no case later than December 31, 2010.

CBP Watershed Model Segment	Virginia Waterbody ID	Discharger Name	VPDES Permit No.	Total Nitrogen (TN) Waste Load Allocation (lbs/yr)	TN Delivery Factor	TN Waste Load Delivered Allocation (lbs/yr)	Total Phosphorus (TP) Waste Load Allocation (lbs/yr)	TP Delivery Factor	TP Waste Load Delivered Allocation (lbs/yr)
190	B37R	Coors Brewing Company	VA0073245	55,000	0.42	23,000	4,100	0.74	3,000
190	B14R	Fishersville Regional STP	VA0025291	24,000	0.42	10,000	1,800	0.74	1,400
190	B32R	INVISTA - Waynesboro	VA0002160	29,000	0.42	12,000	1,300	0.74	940
190	B39R	Luray STP	VA0062642	19,000	0.42	8,200	1,500	0.74	1,100
190	B35R	Massanutten PSA STP	VA0024732	18,000	0.42	7,700	1,400	0.74	1,000
190	B37R	Merck - Stonewall WWTP	VA0002178	96,000	0.42	40,000	15,000	0.74	11,000
190	B12R	Middle River Regional STP	VA0064793	83,000	0.42	35,000	6,200	0.74	4,600
190	B23R	North River WWTF	VA0060640	190,000	0.42	82,000	15,000	0.74	11,000
190	B22R	Pilgrims Pride - Hinton	VA0002313	27,000	0.42	12,000	1,400	0.74	1,000
190	B31R	Stuarts Draft WWTP	VA0066877	29,000	0.42	12,000	2,200	0.74	1,600
190	B32R	Waynesboro STP	VA0025151	49,000	0.42	20,000	3,600	0.74	2,700
190	B23R	Weyers Cave STP	VA0022349	6,100	0.42	2,600	460	0.74	340
200	B58R	Berryville STP	VA0020532	5,500	0.65	3,600	410	0.74	300
200	B55R	Front Royal STP	VA0062812	49,000	0.65	32,000	3,600	0.74	2,700
200	B49R	Georges Chicken LLC	VA0077402	31,000	0.65	20,000	1,600	0.74	1,100
200	B48R	Mt. Jackson STP	VA0026441	7,300	0.65	4,800	550	0.74	410
200	B45R	New Market STP	VA0022853	6,100	0.65	4,000	460	0.74	340
200	B45R	North Fork (SIL) WWTF	VA0090263	23,000	0.65	15,000	1,800	0.74	1,300
200	B49R	Stoney Creek SD STP	VA0028380	7,300	0.65	4,800	550	0.74	410
200	B51R	Strasburg STP	VA0020311	12,000	0.65	7,800	900	0.74	660
200	B50R	Woodstock STP	VA0026468	9,700	0.65	6,300	730	0.74	540
220	A06R	Basham Simms WWTF	VA0022802	12,000	0.83	10,000	910	0.75	690
220	A09R	Broad Run WRF	VA0091383	120,000	0.83	100,000	3,000	0.75	2,300
220	A08R	Leesburg WPCF	MD0066184	120,000	0.83	100,000	9,100	0.75	6,800
220	A06R	Round Hill Town WWTF	VA0026212	6,100	0.83	5,000	460	0.75	340
550	A25R	DSC - Section 1 WWTF	VA0024724	36,000	1.00	36,000	2,200	1.00	2,200
550	A25R	DSC - Section 8 WWTF	VA0024678	36,000	1.00	36,000	2,200	1.00	2,200
550	A25E	H L Mooney WWTF	VA0025101	220,000	1.00	220,000	13,000	1.00	13,000
550	A22R	UOSA - Centreville	VA0024988	1,300,000	0.58	760,000	16,000	0.44	7,200
550	A19R	Vint Hill WWTF	VA0020460	5,500	0.58	3,200	550	0.44	240
740	B08R	Opequon WRF	VA0065552	100,000	0.74	76,000	7,700	0.75	5,700

740	B08R	Parkins Mills STP	VA0075191	26,000	0.74	19,000	1,900	0.75	1,400
900	A13E	Alexandria SA WWTF	VA0025160	490,000	1.00	490,000	30,000	1.00	30,000
900	A12E	Arlington County Water PCF	VA0025143	360,000	1.00	360,000	22,000	1.00	22,000
900	A16R	Noman M Cole Jr PCF	VA0025364	610,000	1.00	610,000	37,000	1.00	37,000
910	A12R	Blue Plains (VA Share)	DC0021199	580,000	1.00	580,000	26,000	1.00	26,000
970	A26R	Quantico WWTF	VA0028363	20,000	1.00	20,000	1,200	1.00	1,200
980	A28R	Aquia WWTF	VA0060968	59,000	1.00	59,000	3,600	1.00	3,600
980	A31E	Colonial Beach STP	VA0026409	18,000	1.00	18,000	1,800	1.00	1,800
980	A30E	Dahlgren WWTF	VA0026514	9,100	1.00	9,100	910	1.00	910
980	A29E	Fairview Beach	MD0056464	1,800	1.00	1,800	180	1.00	180
980	A30E	US NSWC-Dahlgren WWTF	VA0021067	6,600	1.00	6,600	660	1.00	660
980	A26R	Widewater WWTF	VA0090387	4,600	1.00	4,600	270	1.00	270
		TOTALS:		4,916,700		3,887,100	245,200		213,130

9VAC25-720-60. James River Basin.

A. Total maximum daily load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved within four years following reissuance or modification of the discharger's VPDES permit, but in no case later than December 31, 2010.

CBP Watershed Model Segment	Virginia Waterbody ID	Discharger Name	VPDES Permit No.	Total Nitrogen (TN) Waste Load Allocation (lbs/yr)	TN Delivery Factor	TN Waste Load Delivered Allocation (lbs/yr)	Total Phosphorus (TP) Waste Load Allocation (lbs/yr)	TP Delivery Factor	TP Waste Load Delivered Allocation (lbs/yr)
270	I37R	Buena Vista STP	VA0020991	35,000	0.30	10,000	4,400	1.10	4,800
270	I09R	Clifton Forge STP	VA0022772	39,000	0.30	12,000	4,900	1.10	5,400
270	I09R	Covington STP	VA0025542	44,000	0.30	13,000	5,500	1.10	6,100
270	H02R	Georgia Pacific I	VA0003026	99,000	0.30	30,000	66,000	1.10	72,000
270	I04R	Hot Springs Regional STP	VA0066303	10,000	0.30	3,100	1,300	1.10	1,400
270	I37R	Lees Carpets	VA0004677	22,000	0.30	6,600	22,000	1.10	24,000
270	I35R	Lexington-Rockbridge WQCF	VA0088161	29,000	0.30	8,800	3,600	1.10	4,000
270	I09R	Low Moor STP	VA0027979	7,300	0.30	2,200	910	1.10	1,000
270	I09R	Lower Jackson River STP	VA0090671	14,000	0.30	4,100	1,500	1.10	1,700
270	I04R	MeadWestvaco	VA0003646	370,000	0.30	110,000	160,000	1.10	180,000
280	H12R	Amherst Town – STP	VA0031321	6,000	0.61	3,700	550	1.10	600
280	H05R	BWX Technologies Inc	VA0003697	120,000	0.61	71,000	760	1.10	840
280	H05R	Greif Inc. – Riverville	VA0006408	65,000	0.61	40,000	31,000	1.10	34,000
280	H31R	Lake Monticello STP	VA0024945	17,000	0.61	10,000	1,100	1.10	1,200
280	H05R	Lynchburg City STP	VA0024970	420,000	0.61	260,000	26,000	1.10	29,000
280	H28R	Moores Creek Regional STP	VA0025518	290,000	0.61	180,000	18,000	1.10	20,000
290	H38R	Powhatan CC STP	VA0020699	7,700	0.81	6,200	480	1.10	530
300	J11R	Crewe WWTP	VA0020303	7,300	0.37	2,700	910	0.42	380
300	J01R	Farmville WWTP	VA0083135	27,000	0.37	9,900	3,400	0.42	1,400
600	G02E	Brown and Williamson	VA0002780	19,000	1.00	19,000	1,900	1.00	1,900
600	G01E	E I du Pont - Spruance	VA0004669	200,000	1.00	200,000	7,800	1.00	7,800
600	G01E	Falling Creek WWTP	VA0024996	140,000	1.00	140,000	14,000	1.00	14,000
600	G01E	Henrico County WWTP	VA0063690	780,000	1.00	780,000	78,000	1.00	78,000
600	G03E	Honeywell - Hopewell	VA0005291	1,100,000	1.00	1,100,000	52,000	1.00	52,000
600	G03R	Hopewell WWTP	VA0066630	1,200,000	1.00	1,200,000	53,000	1.00	53,000
600	G15E	HRSD - Boat Harbor STP	VA0081256	540,000	1.00	540,000	49,000	1.00	49,000
600	G11E	HRSD - James River STP	VA0081272	570,000	1.00	570,000	52,000	1.00	52,000
600	G10E	HRSD - Williamsburg STP	VA0081302	500,000	1.00	500,000	46,000	1.00	46,000
600	G02E	Philip Morris - Park 500	VA0026557	40,000	1.00	40,000	7,400	1.00	7,400
600	G01E	Proctors Creek WWTP	VA0060194	290,000	1.00	290,000	29,000	1.00	29,000

600	G01E	Richmond WWTP	VA0063177	1,000,000	1.00	1,000,000	73,000	1.00	73,000
600	J15R	South Central WW Authority	VA0025437	210,000	1.00	210,000	21,000	1.00	21,000
610	G07R	Chickahominy WWTP	VA0088480	2,300	1.00	2,300	76	1.00	76
610	G05R	Tyson Foods - Glen Allen	VA0004031	21,000	1.00	21,000	430	1.00	430
620	G11E	HRSD - Nansemond STP	VA0081299	640,000	1.00	640,000	58,000	1.00	58,000
960	G15E	HRSD - Army Base STP	VA0081230	500,000	1.00	500,000	46,000	1.00	46,000
960	G15E	HRSD - VIP WWTP	VA0081281	1,100,000	1.00	1,100,000	97,000	1.00	97,000
960	G15E	JH Miles & Company	VA0003263	20,000	1.00	20,000	680	1.00	680
965	C07E	HRSD – Ches.-Elizabeth STP	VA0081264	1,500,000	1.00	1,500,000	110,000	1.00	110,000
		TOTALS		12,001,600		11,155,600	1,148,596		1,184,636

9VAC25-720-70. Rappahannock River Basin.

A. Total maximum Daily Load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved within four years following reissuance or modification of the discharger's VPDES permit, but in no case later than December 31, 2010.

CBP Watershed Model Segment	Virginia Waterbody ID	Discharger Name	VPDES Permit No.	Total Nitrogen (TN) Waste Load Allocation (lbs/yr)	TN Delivery Factor	TN Waste Load Delivered Allocation (lbs/yr)	Total Phosphorus (TP) Waste Load Allocation (lbs/yr)	TP Delivery Factor	TP Waste Load Delivered Allocation (lbs/yr)
230	E09R	Culpeper WWTP	VA0061590	55,000	0.61	33,000	4,100	1.03	4,200
230	E02R	Marshall WWTP	VA0031763	7,800	0.61	4,800	580	1.03	600
230	E13R	Orange STP	VA0021385	18,000	0.61	11,000	1,400	1.03	1,400
230	E11R	Rapidan STP	VA0090948	7,300	0.61	4,400	550	1.03	560
230	E02R	Remington WWTP	VA0076805	24,000	0.61	15,000	1,800	1.03	1,900
230	E02R	South Wales Utility STP	VA0080527	11,000	0.61	6,700	820	1.03	850
230	E02R	Warrenton Town STP	VA0021172	30,000	0.61	18,000	2,300	1.03	2,400
230	E18R	Wilderness WWTP	VA0083411	9,100	0.61	5,600	680	1.03	710
560	E20E	FMC WWTF	VA0068110	66,000	1.00	66,000	4,900	1.00	4,900
560	E20E	Fredericksburg WWTF	VA0025127	43,000	1.00	43,000	3,200	1.00	3,200
560	E21E	Haymount WWTF	VA0089125	12,000	1.00	12,000	870	1.00	870
560	E24E	Haynesville CC WWTP	VA0023469	2,800	1.00	2,800	210	1.00	210
560	E20E	Little Falls Run WWTF	VA0076392	97,000	1.00	97,000	7,300	1.00	7,300
560	E20E	Massaponax WWTF	VA0025658	97,000	1.00	97,000	7,300	1.00	7,300
560	E23R	Montross Westmoreland WWTP	VA0072729	1,200	1.00	1,200	91	1.00	91
560	E23E	Tappahannock WWTP	VA0071471	9,700	1.00	9,700	730	1.00	730
560	E26E	Urbanna WWTP	VA0026263	1,200	1.00	1,200	91	1.00	91
560	E21R	US Army - Ft. A P Hill WWTP	VA0032034	6,400	1.00	6,400	480	1.00	480
560	E23E	Warsaw Aerated Lagoons	VA0026891	3,600	1.00	3,600	270	1.00	270
580	C01E	Omega Protein - Reedville	VA0003867	16,000	1.00	16,000	1,200	1.00	1,200
580	C01E	Reedville Sanitary District	VA0060712	2,400	1.00	2,400	180	1.00	180
930	C01E	Kilmarnock WTP	VA0020788	6,100	1.00	6,100	460	1.00	460
		TOTALS:		526,600		462,900	39,512		39,902

9VAC25-720-110. Chesapeake Bay - Small Coastal - Eastern Shore River Basin.

A. Total maximum Daily Load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved within four years following reissuance or modification of the discharger's VPDES permit, but in no case later than December 31, 2010.

CBP Watershed Model Segment	Virginia Waterbody ID	Discharger Name	VPDES Permit No.	Total Nitrogen (TN) Waste Load Allocation (lbs/yr)	TN Delivery Factor	TN Waste Load Delivered Allocation (lbs/yr)	Total Phosphorus (TP) Waste Load Allocation (lbs/yr)	TP Delivery Factor	TP Waste Load Delivered Allocation (lbs/yr)
440	C16E	Cape Charles Town WWTP	VA0021288	6,100	1.00	6,100	460	1.00	460
440	C11E	Onancock WWTP	VA0021253	3,000	1.00	3,000	230	1.00	230
440	C13E	Shore Memorial Hospital	VA0027537	1,200	1.00	1,200	91	1.00	91
440	C10E	Tangier WWTP	VA0067423	1,200	1.00	1,200	91	1.00	91
440	C10R	Tyson Foods - Temperanceville	VA0004049	20,000	1.00	20,000	980	1.00	980
		TOTALS:		31,500		31,500	1,852		1,852

9VAC25-720-120. York River Basin.

A. Total Maximum Daily Load (TMDLs).

B. Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.

C. Nitrogen and Phosphorus Waste Load Allocations to Restore the Chesapeake Bay and its Tidal Rivers

This table presents nitrogen and phosphorus waste load allocations for the identified significant dischargers, the associated delivery factors used for trading or offset purposes, and the total nitrogen and total phosphorus delivered waste load allocation for the basin. These individual significant discharger waste load allocations may be revised through the watershed trading program contained in 9VAC25-720-30. The waste load allocation listed below for a discharger, or the waste load allocation revised in accordance with 9VAC25-720-30, shall be achieved within four years following reissuance or modification of the discharger's VPDES permit, but in no case later than December 31, 2010.

CBP Watershed Model Segment	Virginia Waterbody ID	Discharger Name	VPDES Permit No.	Total Nitrogen (TN) Waste Load Allocation (lbs/yr)	TN Delivery Factor	TN Waste Load Delivered Allocation (lbs/yr)	Total Phosphorus (TP) Waste Load Allocation (lbs/yr)	TP Delivery Factor	TP Waste Load Delivered Allocation (lbs/yr)
240	F20R	Caroline County STP	VA0073504	7,300	0.42	3,100	460	0.43	200
250	F01R	Gordonsville STP	VA0021105	16,000	0.02	330	1,000	0.58	590
260	F04R	Ashland WWTP	VA0024899	38,000	0.51	19,000	2,400	0.58	1,400
260	F09R	Doswell WWTP	VA0029521	110,000	0.51	56,000	6,800	0.58	4,000
590	F27E	Giant Yorktown Refinery	VA0003018	170,000	1.00	170,000	22,000	1.00	22,000
590	F27E	HRSD - York River STP	VA0081311	310,000	1.00	310,000	19,000	1.00	19,000
590	F14R	Parham Landing WWTP	VA0088331	5,200	1.00	5,200	520	1.00	520
590	F14E	Smurfit Stone - West Point	VA0003115	300,000	1.00	300,000	28,000	1.00	28,000
590	F12E	Totopotomoy WWTP	VA0089915	120,000	1.00	120,000	7,600	1.00	7,600
590	F25E	West Point STP	VA0075434	15,000	1.00	15,000	910	1.00	910
940	C04E	HRSD Mathews Courthouse STP	VA0028819	1,900	1.00	1,900	120	1.00	120
		TOTALS:		1,093,400		1,000,530	88,810		84,340